BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

NAME OF THE WORK MODIFIED ESTIMATE FOR IMPROVEMENTS TO DRAIN AT MEI LAYOUT AT BAGALAGUNTE WARD NO. 14

Sl. No.	Description	Dimensions No.	L.	B.	D	Qty.	Rate	Est. Cost Rs. 4934780.00 Amount
1	KSRRB 300-1 : Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH /Chapter 3 (Page No.142, Item No. 19.1)							
	For drains	2	66.00	0.45	0.40	23.76		
		2	138.00	0.55	0.45	68.31		
		1	273.00	1.20	0.95	311.22		
					Total Qty	403.29		
	Rate: AS Per Schedule B				Qty. Executed Upto 125%	319.50	89.18	28493.00
	Rate:82+6%=86.92+2.60%(T.P)=89.18/Cu m				Qty Executed Upto 125%	83.79	89.18	7472.00
							Per Cum	
2	Removing B.S slab of Drain and stacking and Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No.25, Item No. 5.32 & 5.33)							
	For drains	2	66.00	1.35		178.20		
		2	138.00	1.35		372.60		
						550.80		
	Deduct 80% for missing, broken & damaged B S slabs					440.64		
					Total Qty	110.16		
	Rate: AS Per Schedule B				Qty. Executed Upto 125%	110.16	150.08	16533.00
							Per Sqm	
3	KSRB 4 - 1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No. 4.3)							
	For drains	2	66.00	0.45	0.15	8.91		
		2	138.00	0.45	0.15	18.63		
		1	273.00	1.20	0.15	49.14		
					Total Qty	76.68		
	Rate: AS Per Schedule B				Qty. Executed Upto 125%	76.68	5293.15	405879.00
							Per Cum	
4 EIRL ITEM	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)							
	For drains bed	1	273.00	0.90	0.15	36.85		
	Side walls	2	273.00	0.15	0.90	73.71		
					Total Qty	110.56		
	Rate:6571+6%=6965.26+2.60%(T.P)=7416.35/Cum				Qty Executed Upto 125%	110.56	7146.35	790100.00
							Per Cum	

Scanned by CamScanner

5 EIRL ITEM	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.185 - I. no 28.8.2] 10mm dia bars @ 100mm C/C							
		2730	2.50	@	0.62	4231.50		
	Side walls	25	273.00	@	0.62	4231.50		
						8463.00		
				Total Qty		**8.46**		
	Rate:62719+6%=66482.14+2.60%(T.P)=68210.67/Cum			Qty Executed Upto 125%		**8.46**	68210.67	577062.00
							Per Tonne	
6 EIRL ITEM	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for vertical surface such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31)							
	Side walls	4	273.00		0.90	982.80		
				Total Qty		**982.80**		
	Rate:293+6%=310.58+2.60%(T.P)=318.65/Cum			Qty Executed Upto 125%		**982.80**	318.65	313169.00
							Per Sqm	
7	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick (Page No.25, Item No. 5.31.1)							
	Deducted 80% missing, broken & damaged B S slabs qnty vide item No. 2.					**440.64**		
				Total Qty		**440.64**		
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		**440.64**	682.99	300953.00
							Per Sqm	
8	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 10 cms thick (Page No.25, Item No. 5.31.2)							
	For drains	2	66.00	0.90		118.80		
		2	138.00	0.90		248.40		
				Total Qty		**367.20**		
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		**367.20**	847.21	311096.00
							Per Sqm	
9	KSRB 5-8.2: Providing two line dressing to granite stone slab/granite stone masonry as per specification. KBS 5.1.13 (Page No.24, Item No. 5.18)							
	For drains	2	66.00	0.90		118.80		
		2	138.00	0.90		248.40		
				Total Qty		**367.20**		
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		**367.20**	988.59	363010.00
							Per Sqm	
10	Providing Edge machine cutting to Granite slabs as per specification and direction of engineer in charge of the work.							
	For drains	2	66.00			132.00		
		2	138.00			276.00		
						408.00		
				408.00	/ 0.60	680.00	**Nos**	
				680.00	x3.00Mt	2040.00		
				Total Qty		**2040.00**		

Scanned by CamScanner

	Rate: AS Per Schedule B			Qty. Executed Upto 125%	2040.00	61.56	125582.00
						Per Rmt	
11	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.13, Item No. 4.7)						
	For drains	4	66.00	0.20	0.075	3.96	
		4	138.00	0.20	0.075	8.28	
	Drain bed	2	66.00	0.45	0.10	5.94	
		2	138.00	0.45	0.10	12.42	
				Total Qty		30.60	
	Rate: AS Per Schedule B			Qty. Executed Upto 125%	30.60	5744.49	175781.00
						Per Cum	
12	KSRB 5-14.1 : Providing and construction load bearing wall with solid concrete block of Size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges scaffolding, curing, hire charges of machineries etc., Complete as specification(Page No.25, Item No. 5.27.1)						
	For drains	4	66.00	0.40		105.60	
		4	138.00	0.40		220.80	
				Total Qty		326.40	
	Rate: AS Per Schedule B			Qty. Executed Upto 125%	326.40	1019.04	332615.00
						Per Sqm	
13	Supplying and fixing precast reinforced conceret slabs 10cm thick of mix M20 using 20mm and sownsize graded grantite metal using reinforecement 100mm dia steel at 150mm C/C both ways cost, transportation, hire charges of machinerym machine cuttng the vertical face to get plain even surface etc., complete with all lead and lift conveyance charges, labour charges inclusive of cost of all materials						
		1	273.00	0.90		245.70	
	missing slabs	100	0.90	0.60		54.00	
				Total Qty		299.70	
	Rate: AS Per Schedule B			Qty. Executed Upto 125%	299.70	1742.15	522122.00
						PerSqm	
14	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. of size 450 x 200 x 400 mm (Page No.25, Item No. 5.29.1)						
		2	66.00			132.00	
		2	138.00			276.00	
		1	273.00			273.00	
						681.00	
				681.00	/ 0.45	1513.00	
				Total Qty		1513.00	
	Rate: AS Per Schedule B			Qty. Executed Upto 125%	1513.00	395.87	598951.00
						Nos	
15	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (Page No.122, Item No.15.80)						

AE

Scanned by CamScanner

		2	66.00		0.45	59.40	
		2	138.00		0.45	124.20	
		1	273.00		0.45	122.85	
					Total Qty	306.45	
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		306.45	28.28 Per Sqm	8666.00
16	KSRB 15-19.2 : Providing and applying spary painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materiasl, labour, complete as per specifications. (Page No.122, Item No.15.81)							
	Qty vide item no 11					306.45		
						306.45		
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		306.45	71.78 Per Sqm	21997.00
17	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4KM a) Basic rate for haulage of materials as per item No. 17.4/ KSRRB: M100-4,1 … Rs. 250 Tonne / Km b) Average earth of work 1.28 Tonne / Km Rs, 2.00 c) Add loading and unloading Page. No. 133 Item No. 17.1 PWD SR 2016-17							
	Qty vide item no 1					403.29		
						403.29		
	Rate: AS Per Schedule B			Qty. Executed Upto 125%		319.50	87.88	28078.00
	Rate:(2.5X1.28X5)+68.00=84.00+2.60%(T.P)=86.18/Cum			Qty Executed Upto 125%		83.79	86.18 Per Cum	7221.00
							GRAND TOTAL Rs.	4934780.00
	(Rupees Forty Nine Lakhs Thirty Four Thousand Seven Hundread Eighty Only)							

ನಂ. ಕ್ಷ| ಇಇ|ಡಿಸ|01|18-19 ದಿನಾಂಕ : 49: 34 (Forty Nine Thousand Seven Hundred Eighty Only)

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.
2 This estimate is prepared as per the PWD & IWTD CSR of 2016-17
3 This work is not split up
4 The provisions were made in this estimate are adequete and essential
5 This works comes under BBMP Limits

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Asst.Engineer
Ward No. 14

Asst.Executive Engineer
T.Dasarahalli Sub Division
B.B.M.P.

Executive Engineer
Dasarahalli Division
B.B.M.P.

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Scanned by CamScanner